



URBAN DISTRICT COUNCIL OF ROTHWELL

**ANNUAL REPORT OF THE
MEDICAL OFFICER OF HEALTH**

FOR THE YEAR 1972.

F.R.N. LYNCH, M.B., B.Ch. B.A.O. M.F.C.M. D.P.H.

THE URBAN DISTRICT COUNCIL OF RICHMOND

Chairman of the Council:
R. A. Denton Esq.

Vice-Chairman:
G. W. Lines Esq.

Public Health Committee:
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D. R. Kerry Esq.

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

Medical Officer of Health:

F. R. N. LYNCH, M.B., B.Ch., F.A.D., M.F.C.M., D.P.H.
(Medical Officer of Health Northamptonshire Health Division No. 1)
& Kettering M.B.

Secretary:

Miss M. W. Langley

Public Health Inspector and Surveyor:

A. SMITH, M.P.H.I.A., M.R.S.D., C.E.R.S.I.B., C.E.R. MEAT & FOODS R.S.M.

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Area Health Office,
Church Walk,
Kettering,
Northants.

20.1.1973

To: The Chairman and Members of the
Urban District Council of Rothwell.

Mr. Chairman, Mrs. Bradley and Gentlemen,

In accordance with my statutory duty as your Medical Officer of Health I have the honour to present my Annual Report on the Environmental Health of the Urban District of Rothwell for the year 1972.

It is my twelfth Annual Report and its contents have been compiled on the instructions set out in the Department of Health and Social Security Circular No. 1/73 which was received on January 5th, 1973.

There is no significant change in the statistics relating to the Urban District since last year. It is, however, extremely satisfactory to note that the Infant Mortality recorded this year is nil i.e. no child under the age of one year has died in this town during the last twelve months.

In the same way, the amount of Infectious Disease notified is also low; only twelve cases being recorded i.e. one case of Measles, three cases of Scarlet Fever, four cases of Bacillary Dysentery and four cases of Tuberculosis. The four cases of Tuberculosis include one re-activated case that had already been notified. The other three were new cases.

Of the four cases of Bacillary Dysentery mentioned, three were members of the same family and two were children whom it was necessary to exclude from school until a clearance could be given. All the cases responded well to treatment.

On May 26th, information was received that foreign necklaces had been imported, mainly from Africa, the beads of which contained a toxic poison i.e. Abrin.

A check was accordingly made on Fancy-goods and Toy Shops and Health Inspectors were apprised of the situation. Thirty strings of these beads were found in various places throughout Northamptonshire Health Division No. 2 and arrangements were made for their destruction by incineration.

An outbreak of Smallpox occurred in Yugoslavia in March and a circular letter was sent to each General Practitioner in the area advising vaccination against Smallpox for persons travelling to Yugoslavia.

Also in March, I was informed that instances of illegal dumping of Cyanide Waste within the County had recently come to light. This is a dangerous and illegal practice and the Public Health Inspector satisfied himself that no dumping of this kind had taken place on Council or privately owned tips in this County District.

I must once again thank the Chairman and Members of the Public Health Committee for their support during the year and Mr. Smith and Miss Langley for their help in preparing this Report.

I have the honour to be,

Your obedient Servant,

F.R.N. LYNCH,
Medical Officer of Health.

SECTION A

SUMMARY OF VITAL STATISTICS

Comparative Statistics for the Five Year Period 1968 to 1972

	1968	1969	1970	1971	1972
Area of the Urban District (acres)	3,638	3,638	3,638	3,638	3,638
Population (Registrar General's estimate)	4,710	4,670	4,670	4,800	5,020
Number of Live Births ...	70	65	79	74	67
Legitimate	64	59	70	72	62
Illegitimate	6	6	9	2	5
Birth rate per 1,000 population	14.9	13.9	16.9	15.4	13.3
Number of Still Births ...	1	3	-	-	1
Legitimate	-	3	-	-	1
Illegitimate	1	-	-	-	-
Still Birth Rate per 1,000 total births	14.1	44.1	-	-	14.7
Still Birth Rate per 1,000 total population	0.2	0.6	-	-	0.2
Number of Deaths	60	79	72	53	47
Death rate per 1,000 population	12.7	16.9	15.4	11.0	9.4
Deaths from Pregnancy, Child-birth and Abortion ...	-	-	-	-	-
Number of Infant Deaths	1	2	-	3	-
Infantile Mortality rate per 1,000 live births ...	14.29	30.8	-	40.5	-
Neonatal Mortality rate per 1,000 live births ...	14.3	15.4	-	27.0	-
Early Neonatal Mortality rate per 1,000 live births	14.3	15.4	-	27.0	-
Perinatal Mortality Rate (still-births & deaths under 1 week combined per 1,000 total live & stillbirths) ...	28.2	58.8	-	27.0	14.7
Deaths from all forms of Tuberculosis including late effects	-	-	-	-	-
Deaths from Respiratory Tuberculosis	-	-	-	-	-
Deaths from Malignant Neoplasms	13	12	15	11	7
Deaths from Measles (all ages)	-	-	-	-	-
Deaths from Whooping Cough (all ages)	-	-	-	-	-
Deaths from Enteritis and Diarrhoea under two years of age	-	-	-	-	-
Deaths from Acute Poliomyelitis and Polioencephalitis	-	-	-	-	-
Natural Increase in population i.e. increase of births over deaths	-	-	7	21	20

GENERAL STATISTICS OF THE AREA

Area (Acres)	...	...	...	...	...	...	...	...	3,638
	Year	Males	Females	Total					
Census Population	1951	2,211	2,408	4,619					
	1961	2,297	2,469	4,766					
	1971			4,762					
Population (Registrar General's Estimate, mid-year 1972)				5,020					
Number of inhabited houses (1951)	...	...	...	...	...	...	...	1,540	
(1961)	...	...	...	...	...	...	...	1,724	
(1971)	...	...	...	...	...	...	...	1,919	
(1972)	...	...	...	...	...	...	...	2,010	
Rateable Value	...	...	...	...	...	...	...	£153,215	
Sum represented by Penny Rate	...	...	...	...	...	...	...	£ 1,460	

SOCIAL CONDITIONS INCLUDING CHIEF OCCUPATIONS OF THE INHABITANTS

The chief occupations of the inhabitants are as follows: Boot and Shoe Manufacture, light engineering, agriculture and manufacture of agricultural implements.

The social conditions of the District are satisfactory, the density of the population is 1.3 persons per acre and the Housing Factor is 2.5 persons. The rate of unemployment in the area was 1.3% of the working population and the National Rate was 3.5%.

EXTRACTS FROM VITAL STATISTICS, 1972

LIVE BIRTHS

								<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	...	...	...	...	...	...	...	33	24	62
Illegitimate	...	...	...	...	...	...	...	2	3	5
								<hr/>	<hr/>	<hr/>
							Totals	35	32	67
								<hr/>	<hr/>	<hr/>
Crude Birth Rate per 1,000 estimated population	...	...								13.3
Adjusted Birth Rate (comparability factor 1.09)	...	...								14.5

STILLBIRTHS

Legitimate	...	...	...	...	...	...	...	-	-	1
Illegitimate	...	...	...	...	...	...	...	-	-	-
								<hr/>	<hr/>	<hr/>
							Totals	1	-	1
								<hr/>	<hr/>	<hr/>
Rate per 1,000 total births (live and still)	...	...								14.7

DEATHS

Number registered all causes	...	...	...	...	...	...	...	25	22	47
Crude Death Rate per 1,000 estimated population	...	...								9.4
Adjusted Death Rate (comparability factor 0.89)	...	...								8.4

DEATHS FROM CERTAIN SPECIFIED CAUSES

Cardio-vascular disease (all forms)	...	...	...	...	...	...	...	7	9	16
Malignant Neoplasms (all forms)	...	...	...	...	...	...	...	4	3	7
Cerebrovascular Disease	...	...	...	...	...	...	...	3	2	5
Diseases of the Respiratory System	...	...	...	...	...	...	...	8	2	10

DEATHS FROM MATERNAL CAUSES

Maternal Mortality Rate per 1,000 total births								-
--	-----	-----	--	--	--	--	--	--	--	---

DEATH OF INFANTS (under 1 year)

Infant Mortality Rate per 1,000 live births	...	...						-	-	-
Legitimate Infants per 1,000 legitimate live births	...	...								-
Illegitimate Infants per 1,000 illegitimate live births	...	...								-

DEATHS OF INFANTS (under 4 weeks)

Neonatal Mortality Rate per 1,000 live births	...	...								-
Early Neonatal Mortality Rate per 1,000 live births	...	...								-
Perinatal Mortality Rate	...	...								-

COMMENTS ON VITAL STATISTICS

1. Population - The Registrar General's mid-year estimate of population is 5,020; this is 220 more than the figure for 1971.
2. Births - There were 67 births during 1972; that is 7 less than in the previous year. This gives a crude birth rate of 13.3 per 1,000 population. This rate, standardised for the age and sex composition of the population, gives an adjusted rate of 14.5. The adjusted, or corrected birth rate, is obtained by multiplying the crude rate by a number known as the Comparability Factor, this latter figure being supplied by the Registrar General. The factor for Rothwell is 1.05. The adjusted birth rate of 14.5 for 1972 compares with the rate of 19.1 for 1971 and the provisional crude rate for England and Wales of 14.8 per 1,000 population.
3. Deaths - There were 47 deaths from all causes in 1972; that is 6 less than in 1971; giving a crude death rate of 9.4 per 1,000 population. The Comparability Factor 0.83 gives an adjusted rate of 8.4. The provisional crude death rate for England and Wales is 12.1.
4. Disposal of the Dead - Of the 47 deaths during the year, 38 bodies were cremated at Kettering Crematorium. The percentage is 80.9.
5. Infant Mortality. No Infant Deaths were registered in 1972. There were three last year giving an Infant Mortality Rate of 40.5 and a Neonatal Mortality Rate of 27.0 per 1,000 live births. The current rates for England and Wales are 17.0 and 12.0.
6. Still Births. There was one Still Birth in 1972 giving a rate of 14.7 per 1,000 total births. The Still Birth Rate for England and Wales is 12.0 I append details of this death.

Sex

M

Cause of Death

Asphyxia. Knot in Umbilical Cord. Post Maturity.

7. Maternal Mortality. There were no deaths classed to Pregnancy and Childbirth.

CLASSIFICATION OF CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE 1972

List No	Cause of Death	Sex	All ages	Under 4 Weeks	4 Weeks & Under 1 year	Age in years									
						1 - 4	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 and over	
B19(3)	MALIGNANT NEOPLASM, STOMACH ...	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	1	-	-	-	-	-	-	-	-	-	-	1	
B19(6)	MALIGNANT NEOPLASM, LUNG, BRONCHUS	M	2	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	2	-	
B19(7)	MALIGNANT NEOPLASM, BREAST ...	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	-	
B19(11)	OTHER MALIGNANT NEOPLASMS ...	M	1	-	-	-	-	-	-	-	1	-	-	-	
		F	1	-	-	-	-	-	-	-	1	-	-	-	
B21	DIABETES MELLITUS ...	M	-	-	-	-	-	-	-	-	-	1	-	-	
		F	2	-	-	-	-	-	-	-	-	-	-	-	
B28	ISCHAEMIC HEART DISEASE ...	M	6	-	-	-	-	-	-	-	-	1	-	1	
		F	5	-	-	-	-	-	-	-	-	-	-	5	
B29	OTHER FORMS OF HEART DISEASE ...	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	2	-	-	-	-	-	-	-	-	-	-	-	
B30	CEREBROVASCULAR DISEASE...	M	3	-	-	-	-	-	-	-	-	-	2	-	
		F	2	-	-	-	-	-	-	-	-	-	2	1	
B46(6)	OTHER DISEASES OF CIRCULATORY SYSTEM	M	1	-	-	-	-	-	-	-	-	-	-	2	
		F	2	-	-	-	-	-	-	-	-	-	1	-	
B31	INFLUENZA ...	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B32	PNEUMONIA ...	M	3	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	3	
B33(1)	BRONCHITIS AND EMPHYSEMA ...	M	3	-	-	-	-	-	-	-	-	-	-	1	
		F	1	-	-	-	-	-	-	-	-	3	-	-	
B46(7)	OTHER DISEASES OF RESPIRATORY SYSTEM	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B36	INTESTINAL OBSTRUCTION AND HERNIA...	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	1	
B38	NEPHRITIS AND NEPHROSIS ...	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B46(9)	OTHER DISEASES, GENITO-URINARY SYSTEM	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B46(11)	DISEASES OF MUSCULO-SKELETAL SYSTEM	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	1	
B42	CONGENITAL ANOMALIES ...	M	1	-	-	-	-	-	-	-	-	1	-	-	
		F	1	-	-	-	-	-	-	-	-	-	1	-	
BE47	MOTOR VEHICLE ACCIDENTS ...	M	-	-	-	-	-	-	-	-	-	-	1	-	
		F	1	-	-	-	-	-	-	-	-	1	-	-	
	TOTAL ALL CAUSES	M	25	-	-	-	-	-	-	-	1	5	8	11	
		F	22	-	-	-	-	-	-	-	1	4	3	14	
							9.								

SECTION B

General Provision of Health Services

In subsequent sections, full details will be found relating to infectious diseases and environmental health within the Urban District, for which services the Council are directly responsible.

The present section relates to those health services which concern more the personal health and welfare of the individual rather than public health and the community. The Health Committee of the Northamptonshire County Council is responsible for the administration of many of these services under Part III of the National Health Service Act.

Liaison between County Council services and District Council services is facilitated by the fact that your Medical Officer of Health is also a School Medical Officer and Assistant County Medical Officer.

Laboratory Facilities.— The Department of Pathology, Kettering & District General Hospital is available for the examination of specimens in connection with the diagnosis and control of infectious diseases. Seventeen faeces specimens were examined in 1972.

Ambulance Service.— This is one of the services for which the County Council is responsible and is operated from Kettering Ambulance Station.

Domiciliary Services.— These include District Nurses, Midwives and Health Visitors, who are all highly trained, qualified nurses on the staff of the County Medical Officer. The Home Help Service, also provided by the County Council, is proving more and more valuable in relieving people of domestic worries during periods of illness or confinement, and in helping old folks to remain in their own homes, so that they can retain their treasured independence.

HOSPITAL ACCOMMODATION, OUT-PATIENT FACILITIES AND CLINICS

The Oxford Regional Hospital Board is responsible for the following services:—

KETTERING AND DISTRICT GENERAL HOSPITAL

General Medicine, General Surgery, Gynaecology, Orthopaedic Surgery, Ear, Nose and Throat, Ophthalmology, Paediatrics and Physical Medicine

ROCKINGHAM ROAD HOSPITAL, KETTERING — Acute cases.

ST MARY'S HOSPITAL, KETTERING

Obstetrics, Special Care Babies, Geriatrics and Long Stay

Treatment Centres and Clinics

Out-Patients Clinics Provided at Kettering and District General Hospital

Chest

Monday 3.30 p.m. (2nd & 4th) (Treatment)

Friday 8.45 a.m. (Diagnosis)

Dental	Thursday 9.00 a.m.
Dermatology	Monday 9.00 a.m. (3rd)
	Tuesday 1.30 p.m.
Ear, Nose and Throat	Tuesday 9.00 a.m.
	Thursday 2.00 p.m.
Geriatrics	Wednesday 2.00 p.m.
Gynaecology and Obstetrics	Monday 9.00 a.m.
	Tuesday 2.00 p.m.
	Thursday 2.00 p.m.
	Friday 1.30 p.m.
G. U. Cystoscopy	Thursday 8.30 a.m.
General Medicine	Monday 2.00 p.m.
	Wednesday 8.30 a.m.
	Thursday 2.00 p.m. (1st and 3rd)
	Friday 8.30 a.m.
Physical Medicine	Tuesday 2.00 p.m.
	Friday 9.00 a.m.
Ophthalmology	Monday 10.00 a.m. (1st, 3rd and 5th) (Children's Eye Clinic)
	Wednesday 9.00 a.m.
	Friday 9.00 a.m.
Orthopaedic	Monday 2.00 p.m. (1st, 3rd and 5th)
	Tuesday 2.00 p.m. (2nd and 4th)
	Thursday 2.00 p.m.
Orthodontics	Monday 9.15 a.m. and 2.00 p.m.
	Tuesday 9.15 a.m.
	Wednesday 9.15 a.m. and 2.00 p.m.
	Thursday 9.00 a.m.
Paediatrics	Wednesday 9.30 a.m. (1st and 3rd)
Plastic Surgery	Monday 9.30 a.m.
	Monday 2.00 p.m. (1st and 3rd)
Psychiatry	Wednesday 2.00 p.m.
	Thursday 9.30 a.m. and 1.30 p.m.

Radiotherapy	Wednesday 2.00 p.m. Thursday (2nd and 4th) 2.00 p.m.
General Surgery	Monday 9.15 a.m. Monday 2.00 p.m. (2nd) Tuesday 9.15 a.m. Wednesday 8.30 a.m. Friday 2.00 p.m.
Venereal Disease (Women) (Men)	Tuesday 4.00 p.m. - 5.30 p.m. Tuesday 5.30 p.m. - 7.00 p.m.
Wait Clinic	Monday 2.00 p.m. (1st, 3rd and 5th)

An appointment system is operated for all the above clinics except that for Venereal Disease

A Casualty and daily Fracture Clinic, covered by an Orthopaedic Surgeon, is held at Kettering General Hospital from 9.00 a.m. to 11.00 a.m. each day, except Saturday and Sunday.

Venereal Disease Clinic - Northampton General Hospital

(Women)	Monday 5.15 p.m. - 6.30 p.m. Friday 2.15 p.m. - 3.30 p.m.
(Men)	Wednesday 2.00 p.m. - 3.00 p.m. Friday 5.00 p.m. - 6.30 p.m.

Northamptonshire County Council

Child Health Clinic, Church Schoolroom, Market Place, Rothwell

1st Monday 2.00 p.m.

Relaxation Classes for Expectant Mothers, Health Clinic, 39 Station Road, Desborough

Monday 2.00 p.m.

Sale of Welfare Foods (National Dried Milk and Vitamin Preparations)

Messrs. Grays, (Chemist), 2 Market Place, Rothwell during shop hours.

Immunisation and Vaccination - Immunisation against Diphtheria, Whooping Cough, Poliomyelitis and Tetanus and vaccination against Smallpox are free services, available either from the family doctor or at the County Child Health Clinics. Certain age groups of children can also be given B.C.G. vaccination to protect against Tuberculosis; this is done through the School Health Service.

A vaccine for the protection of infants against Measles is available and, in accordance with the policy of the County Health Department, a campaign for the control of and, it is hoped, ultimate eradication of this disease, was commenced in the Autumn of 1968.

Geriatric Clinic:- This clinic, which is conducted by a local General Practitioner, was commenced in September, 1966, and the following details have been supplied by him.

The clinic is held once monthly at the Health Clinic in Station Road, Desborough. The patients attending are selected by the Doctor from his National Health Service List and consist mainly of old people with chronic diseases who live alone. Many of the patients have been in the care of the Geriatric Department at St. Mary's Hospital, Kettering. The average attendance is about sixteen.

Each new patient is given a physical check - blood pressure, urine test, rough eye test and haemoglobin estimation. Further investigation is made where necessary.

All patients attending need transport and this is provided by a minibus, hired from a local garage, and paid for by a grant from the Northamptonshire County Council. A voluntary worker travels with the bus.

The Doctor is assisted at the clinic by a Health Visitor and a District Nurse who deal with any social problems, financial help, etc., and assist the Doctor in the examination and treatment of the patients. A cup of tea is provided and some simple health education is given by the Health Visitors.

These clinics are successful in the view of the Doctor who conducts them and they ease the load of Geriatric visiting which is considerable in this area.

Tuberculosis and Other Diseases of the Chest Committee. - The excellent work of this Committee was continued during the year and a number of visits were made to patients undergoing both hospital and domiciliary treatment. In 1972, over £80 was spent in assistance to patients; this sum included Cash and Clothing Grants etc., and the cost of supplying milk. There are now only two patients (one Tuberculous and one other chest disease) on the Committee's visiting list. The work of the Committee is declining due to the drop in the incidence of Tuberculosis.

Rothwell Citizens' Welfare Committee - This Committee was formed in March 1962 for the surveillance of the aged people of the town. Its members include Urban Councillors, representatives from various Church and voluntary organisations, Ministers of religion and Medical Practitioners.

The objects of the Committee are to assist old people whether resident in the town at present or accommodated in local hospitals, caring for the aged and chronic sick.

As in previous years, the Committee has continued to give financial help to the W.R.V.S. "Meals on Wheels Service" and, for part of the year, the Chiropody Service which was later taken over by the County Council.

At Christmas, three hundred and fifty five vouchers were distributed to residents over 70 years of age and gifts were taken to the hospitals and homes. Also this year needy folk, other than the elderly, were given gifts including the Childrens and Youth Council and the Red Lion O.A.P. Fund.

Together with the proceeds of the Civic Ball the Committee has provided the District Nurses with a Patient Hoist.

The Committee are hoping to establish a Warden Scheme in the town to commence in 1973.

Women's Royal Voluntary Service for Civil Defence. - The W.R.V.S. has continued its good work during 1972. The "Meals on Wheels Service" was responsible for the delivery of 3,119 hot meals. The meals are delivered twice a week and the average number delivered each week was 60.

The W.R.V.S. has continued to help at the Kettering General Hospital Canteen once every month and to assist at the Chiropody Clinic every week, providing transport where necessary. They also have a "house-bound" visiting scheme which has proved very successful.

National Assistance Acts 1948 and 1951, Section 47. - These Acts empower Local Authorities to require a compulsory admission to hospital in certain cases of persons in need of care and attention.

No formal action was taken under this Section of these Acts during 1972.

I was, however, consulted about two cases under this heading during the year. In the first case it was necessary to arrange admission on a permanent basis to St. Crispin Hospital and I felt that the second case was better dealt with by the Social Services Department to whom he was referred.

REPORT BY A. SMITH

M.P.H.I.A., M.R.S.H., CERT.S.I.B., CERT.MEAT AND FOODS, R.S.H.

Surveyor and Public Health Inspector

I have the honour to present my Annual Report for the year 1972.

SECTION C.

Sanitary Circumstances of the Area

Water Supply:- An adequate supply of water has been maintained in the town by the Mid-Northamptonshire Water Board, and no reports of water shortages were received during the year.

Water Analysis:- The following information was supplied by the Engineer and Manager of the Mid-Northamptonshire Water Board:

"The following samples of water were taken during 1972 by the Board:-

<u>Location</u>	<u>Bacterial Examination</u>
Rothwell	27
Pitsford Raw Water	197
Pitsford Sedimented Water	
Pitsford Final Water	
Great Ouse Authority Hannington Reservoir	49
Cransley Reservoir	95

<u>Location</u>	<u>Chemical Examination</u>
Pitsford Water	11
Diddington	10
Cransley	10

The results of these analyses were satisfactory indicating a pure and wholesome water suitable for public supply purposes.

Fluoride Content of the Water Supply:- The most recent analysis to determine the Fluoride content of the Pitsford and Grafham supplies shows a content of 0.3 parts of naturally occurring fluorine per million parts of water.

Rainfall:- The recorded rainfall during 1972, taken at Clover Hill Reservoir, Kettering was 22.56 inches, a decrease of 0.69 inches from 1971.

		1957	23.72	1962	18.69	1967	24.68
1953	19.24	1958	28.44	1963	21.35	1968	28.87
1954	29.06	1959	19.73	1964	17.54	1969	22.88
1955	19.55	1960	33.49	1965	28.11	1970	23.41
1956	23.25	1961	22.12	1966	27.16	1971	23.25
						1972	22.56

The rainfall during the past four years has remained constant at the lower figures of 22 to 23 inches and there has been no comparable period during the past twenty-five years.

Water Services:- New services were connected to fifty-eight properties and one service was out off.

Sewerage and Sewage Disposal:- There have been no serious defects of sewers throughout the system during the year.

Progress was made during the year in the lay-out and design of the proposed extension to the existing works, with sludge drying tests, Micro-strainer analyses, test borings and the preparation of bills of quantities for tenders with the hope that the works will commence early in 1973.

The extension to the works will double the capacity of the existing plant and also improve the quality of the final effluent which will help to reduce the pollution of the rivers.

After some bad samples of effluent during the middle of the year, the repair of a broken bearing in the centre column of one of the filter arms and the engagement of a new attendant, there was a great improvement in the effluent during the last quarter of the year.

Public Cleansing:- A weekly collection of house and trade refuse has been maintained excepting for holiday periods.

The new Eagle Compressload vehicle was put into service on 6th September 1972, and it is proving to be most valuable in that there is less refuse blown about whilst emptying the bins, the refuse is greatly reduced in bulk saving one journey to the tip each day, and with compression the tipped refuse provides a much more safer surface for the vehicle to run over to unload.

Controlled Tipping:- All refuse is deposited in the Controlled Tip at Thorpe Underwood, and facilities are available for tradesmen to deposit their waste in the tip at moderate charges.

Salvage Collections:- The total collections of mixed waste paper during the year was 889 bales weighing 86.80 tons, an increase of 5 tons over 1971.

The total receipts from the sale of mixed waste paper was £955.26 compared with £865.94 in 1971.

Annual Tonnage of Waste Paper. -

<u>Year</u>					<u>Tons</u>	<u>Cwts.</u>	<u>Qrs.</u>
1953	..	..	..	..	56	9	0
1954	..	..	..	..	65	16	0
1955	..	..	..	..	72	5	0
1956	..	..	..	..	70	0	2
1957	..	..	..	..	70	6	0
1958	..	..	..	..	69	13	2
1959	..	..	..	..	78	11	3
1960	..	..	..	..	66	5	2
1961	..	..	..	..	69	16	2
1962	..	..	..	..	68	12	2
1963	..	..	..	..	56	1	3
1964	..	..	..	..	56	9	1
1965	..	..	..	..	81	2	2
1966	..	..	..	..	96	13	0
1967	..	..	..	..	56	17	1
1968	..	..	..	..	84	5	0
1969	..	..	..	..	80	0	0
1970	..	..	..	..	87	14	0
1971	..	..	..	..	81.75		
1972	..	..	..	..	86.80		

Rodent Control. - Thirty-seven minor infestations of rats and mice were successfully dealt with by your Rodent Operator during the year and no major infestations occurred.

Sewer treatment was carried out by baiting twelve manholes on different parts of the system, but no evidence of infestation was found.

During the Rat Week Campaign an intensive survey was carried out by your Rodent Operator visiting all known and likely places in the District, including farms. Many baiting points were laid and follow up checks made at regular intervals, resulting in a number of infestations of rats being destroyed.

Factories Act, 1961. - There were 29 factories on the Register - twenty-six inspections were made and no defects were found. The number of outworkers living in Rothwell in August 1972 was five, all engaged in the making of wearing apparel, and working under suitable conditions.

Prescribed particulars on the administration of the Factories Act, 1961 are to be found at the end of the Report.

Offices, Shops and Railway Premises Act, 1963.— Fifty-one inspections of offices and shops were made during the year; only minor defects were found which were rectified by owners upon request

	<u>Premises registered under the Act</u>	<u>Premises outside the Act</u>	<u>Total Premises</u>
Food Shops	12	19	31
Other Shops	10	17	27
Catering Establishments	3		3
Offices	6		6
Fuel Storage Depots	1		1
	<u>32</u>	<u>36</u>	<u>68</u>

SECTION D.

Public Health and Housing Acts

Housing. - One hundred and twelve private houses were completed during the year.

Slum Clearance. - During the fifteen years 1956 - 1970, a total of 180 uninhabitable dwellings were dealt with under the Housing Acts, and families rehoused. 36 bungalows and 40 ground floor flats and 24 flatlets at Madams Garden have been made available for Elderly and Disabled Persons

Sanitary Inspections of the Area -

Complaints received	...	...	...	...	...	1,088
Nuisance inspections	...	...	...	...	...	62
Housing inspections	...	...	...	...	...	1,026
Factory inspections	...	...	...	...	...	26
Food Shops inspections	...	...	...	...	...	38
Rodent infestations	...	...	...	...	...	37
Nuisances abated	...	...	...	...	...	62
Housing defects remedied	...	...	...	...	...	1,079

Summary of Sanitary Defects Remedied:-

Drains relaid or renewed	...	...	...	...	...	17
Blocked drains cleared	...	...	...	...	...	25
Inspection chambers repaired	...	...	...	...	...	11
Inspection chambers provided	...	...	...	...	...	22
Soil and ventilation pipes provided	...	...	...	...	...	27
Water closet compartments repaired	...	...	...	...	...	5
Roofs repaired	...	...	...	...	...	73
Rainwater guttering repaired	...	...	...	...	...	82
Dampness to walls remedied	...	...	...	...	...	17
Fireplaces repaired or renewed	...	...	...	...	...	18
Floors repaired or relaid	...	...	...	...	...	26
Handrails to staircases provided	...	...	...	...	...	-
Stairs repaired	...	...	...	...	...	3
Sinks provided	...	...	...	...	...	8

Summary of Sanitary Defects Remedied (Cont'd):-

Internal water services	...	...	...	...	...	...	58
Dustbins provided	...	...	...	...	...	...	61
Bathrooms, Internal W.C.s and Hot Water Installations provided under Improve- ments Grants	...	...	...	...	...	...	17
Improvements to Pre-War Council Houses	...	...	...	...	...	...	All completed

Number of Notices Served:-

Informal: Nuisance	...	...	...	...	...	...	...	5
Housing	...	...	...	...	...	...	...	3
Statutory	...	...	...	...	...	...	...	=

Common Lodging Houses:- There are no common lodging houses in the town.

Storage of Petroleum Spirit:- Sixteen licences for the storage of petroleum in underground tanks have been issued during the year.

SECTION E.

Inspection and Supervision of Food

Meat and Food Inspection:- There are no licensed slaughterhouses in the District.

Observations are made of the handling, storage and sale of food-stuffs to ensure that the Clean Food Regulations are enforced.

Twenty pounds of bacon and 100 pounds of frozen foods were found (upon examination) to be unfit for human consumption, and were destroyed.

Shops:- Food Shops were regularly inspected and kept in a satisfactory condition.

Clean Food Campaign:- Notices continue to be displayed in all food shops requesting shoppers, in the interests of hygiene, not to bring dogs into the premises.

Food Hygiene (General) Regulations, 1970:- The number of food premises subject to these Regulations is as follows:-

General Grocers	...	...	...	21
Butchers	...	...	...	6
Fried Fish Shops	...	...	...	2
Bakers	...	...	...	1
Greengrocers	...	...	...	1
Total ...				<u>31</u>

No. of premises fitted to comply with Regulation 18 (provision of wash-hand basins)	31
No. of premises to which Regulation 21 applies (washing facilities for food & equipment)	31
No. of premises fitted to comply with Regulation 21.	31

Poultry Inspection:- There are no poultry processing premises within the District.

SECTION F

Health Services and Public Health Act, 1968 Public Health (Infectious Diseases) Regulations Notification of Food Poisoning and Infectious Diseases

The infectious diseases to be notified to the Medical Officer of Health are:-

Acute Encephalitis	Yellow Fever
Acute Meningitis	Measles
Acute Poliomyelitis	Ophthalmia Neonatorum
Anthrax	Paratyphoid Fever
Cholera	Plague
Diphtheria	Relapsing Fever
Dysentery (Amoebic or Bacillary)	Scarlet Fever
Food Poisoning or suspected Food Poisoning	Smallpox
Infective Jaundice	Tetanus
Leprosy	Tuberculosis
Leptospirosis	Typhoid Fever
Malaria	Typhus
	Whooping Cough

Responsibility for notifying a case or suspected case of Food Poisoning or Infectious Disease rests exclusively on the medical practitioner attending the patient unless he believes that another practitioner has already notified the case.

Prevalence of and Control over Infectious Disease

Eight cases of Infectious Disease were notified to me during the year. The notifications received were:- Sonne Dysentery four cases, Scarlet Fever three cases and Measles one case.

Measles:- One case was notified compared with nine cases in 1971.

Diphtheria, Whooping Cough and Tetanus:- Routine immunisation of infants under one year of age with Triple Antigen has again shown its efficacy in preventing these diseases. No cases occurred.

Immunisation is carried out either by the Family Doctor or at the County Health Department's monthly clinics at the Church Schoolroom.

Poliomyelitis:- This is the fourth disease which is prevented by routine immunisation in infancy. This is again done either by the Family Doctor or at the County Health Department's Clinics. No cases occurred.

Scarlet Fever:- Five cases were notified during the year. There were four cases last year.

Gastro-Intestinal Diseases.-- Four cases of Bacillary Dysentery due to Shigella Sonnei were reported during the month of October, three cases belonging to the same family. Two of the cases were children of school age and were accordingly excluded from school until they were clear. All the cases responded well to treatment and none were engaged in food businesses.

No cases of Salmonellosis were notified.

Infectious Hepatitis.-- No cases were notified in 1972

Smallpox.-- There were no cases during the year.

Leprosy.-- The Public Health (Leprosy) Regulations, 1966 came into force on 1st March 1966.

Under these Regulations, cases of Leprosy are now notifiable to the District Medical Officer of Health and not as heretofore to the Chief Medical Officer of the Department of Health and Social Security. No notifications of Leprosy were received.

Tuberculosis.-- Four cases of Tuberculosis were notified during the year (three respiratory and one non-respiratory). Two cases of respiratory and three non-respiratory Tuberculosis were removed from the Register, as healed. No deaths were classed to Tuberculosis. The Register, as at 31st December 1972, stands as follows:-

Tuberculosis	Males	Females	Total
Respiratory ...	2	2	4
Non-respiratory	3	3	6
Total	5	5	10

Public Health (Prevention of Tuberculosis) Regulations 1925.-- These regulations empower the Council to prevent persons suffering from Tuberculosis to engage in the milk trade. No action was taken during the year.

DANGEROUS NECKLACE BEADS

On May 26th, information was received that foreign necklaces had been imported, the beads of which contain an extremely toxic poison i.e. Abrin.

A check was accordingly made on Fancy-goods and Toy Shops and Head Teachers were apprised of the situation.

The "beads" are really berries of the Vine, *Abrus Precatorius* which is native to Asia, Africa and Mexico. The colour of the beads is red with black spots on the surface giving a 'Ladybird' appearance.

Thirty strings of these beads were found in various places throughout the Area of Health Division No. 2 and arrangements were made for their destruction by incineration.

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1972

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Scarlet Fever	-	-	-	-	-	1	-	-	-	-	1	1	3
Measles	-	-	-	-	-	-	-	-	-	-	-	1	1
Sonne Dysentery	-	-	-	-	-	-	-	-	-	4	-	-	4
TOTALS	-	-	-	-	-	1	-	-	-	4	1	2	8

AGE INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1972

Disease	0-	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65+	All Ages to Hospital	Removed to Hospital	Deaths	Age Unknown
Scarlet Fever	-	-	-	-	-	3	-	-	-	-	-	-	3	-	-	-
Measles	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Sonne Dysentery	-	1	-	-	1	1	-	-	1	-	-	-	4	-	-	-
TOTALS	-	1	-	-	1	4	-	-	2	-	-	-	8	-	-	-

TUBERCULOSIS
NEW CASES AND MORTALITY DURING 1972

AGE PERIOD	NEW CASES				DEATHS			
	RESPIRATORY		NON-RESPIRATORY		RESPIRATORY		NON-RESPIRATORY	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	-	-	-	-	-	-	-	-
1 - 4	-	-	-	-	-	-	-	-
5 - 14	-	-	-	-	-	-	-	-
15 - 24	-	-	-	-	-	-	-	-
25 - 34	-	1	-	-	-	-	-	-
35 - 44	-	-	-	1	-	-	-	-
45 - 54	1	-	-	-	-	-	-	-
55 - 64	-	1	-	-	-	-	-	-
65+	-	-	-	-	-	-	-	-
TOTALS	1	2	-	1	-	-	-	-

PREScribed PARTICULARS ON THE ADMINISTRATION OF THE FACTORIES ACT, 1961

PART I OF THE ACT

1 - INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	29	26	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	-	-	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	-	-	-	-
TOTAL	29	26	-	-

2. CASES IN WHICH DEFECTS WERE FOUND

Particulars (1)	Number of cases in which defects were found				Number of cases in which Prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of Cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
TOTAL	-	-	-	-	-

PART VIII OF THE ACT
OUTWORK (Sections 133 and 134)

Nature of Work	-----Section 133-----			-----Section 134-----		
	No. of outworkers in August list required by Section 133 (1)(c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Wearing Apparel -						
Making, etc.	5	-	-	-	-	-
Cleaning and Washing	-	-	-	-	-	-
TOTAL	5	-	-	-	-	-

